Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 25 Jan 2021 until 23:59 on Tuesday 26 Jan 2021

Forecast Issued on Monday 25 Jan 2021 at 04:02

Confidence: High for generally unsettled and milder from mid-Tuesday. But medium for detail of extent and timing of the worst of conditions thereafter.

Headline for Monday 25 Jan 2021: Icy. Most staying dry with bright or sunny spells.

Mountain weather hazards on Monday 25 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers	Cloudy	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
30%	30%	20%	10%	10%	10%

Forecast for Monday 25 Jan 2021

Weather: Ice slow to clear around the foothills while persisting elsewhere. Best of the clear then bright or sunny spells expected in the east where the vast majority will stay dry. A few isolated light wintry showers will crop up across the Park area however, these mainly confined to western ranges.

Chance of cloud free mountain/hill tops above 600m: Ranging from 75% in west and 90% in east with bases lowering 500-600m at times, chiefly in and around showers.

Visibility: Good or very good, falling to a few kilometres in showers.

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Forecast for Monday 25 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/25 W	19/26 W	21/30 W	20/29 W	17/26 W	15/24 W	13/19 W
300	10/25 W	12/28 W	14/29 W	13/27 W	10/24 W	9/22 W	7/18 W
Valley	1/8 W	3/18 W	10/22 W	10/22 W	4/15 W	3/11 NW	3/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-2/-9	-1/-8	-1/-8	-1/-8	-1/-7	-1/-6
300	-1/-5	0/-4	2/-3	2/-3	0/-4	0/-4	0/-3
Valley	-1/-3	0/-2	4/0	4/0	0/-2	1/-1	1/-1
Freezing Level*	00m	200m	400m	500m	400m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Significant wind chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 25 Jan 2021	0mm	0.4mm	8.4mm

Forecast for Tuesday 26 Jan 2021

Weather: Cloud soon thickening and lowering from the west bringing from mid-day periods of snow falling as rain below around 400-500m. Some heavier outbreaks expected through the afternoon, but quite patchy and light for the evening.

Maximum wind: Variable 15mph or less

Chance of cloud free mountain/hill tops above 600m: By day 60% at first becoming 10-20% from afternoon as bases become extensive from 450-650m.

Visibility: Good becoming moderate or poor from mid-day.

Temperature: **Valleys:** Minus 6 Celsius rising plus 4 Celsius during the afternoon
At 600m: Minus 1 Celsius
Freezing level: 500m

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